

- 19 -

ABSTRACT OF THE DISCLOSURE:

In order to compare a phase of an internal clock signal outputted
5 from a clock driver with that of a data strobe signal from a data strobe output
circuit driven by the internal clock signal, a selector is disposed to supply a
data strobe signal instead of an external clock signal inputted into a phase
comparison circuit. While the selector selects the data strobe signal, the
selector, a replica circuit, and the phase comparison circuit operate as a
10 phase advance/delay signal generation circuit to output a phase
advance/delay signal indicating a timing deviation to an external output
terminal.